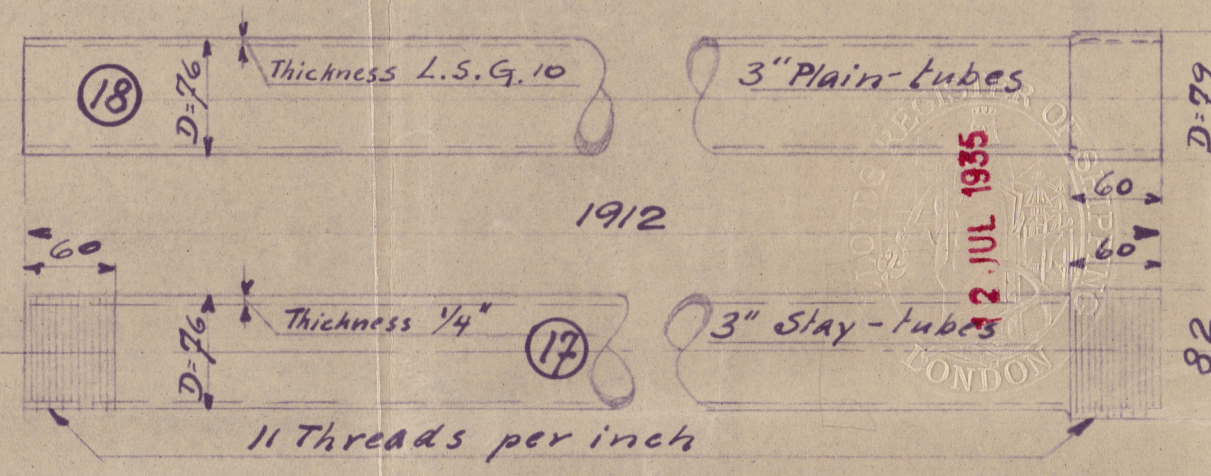


Heating Surface
 Furnace : 5,0 m²
 Tube Plates : 4,0 m²
 Tubes : 43,0 m² Total 52,0 m²

Boiler Mountings

No off	Dia.	Description	Remarks
1	80 mm	Stop Valves	
2	40 mm	Feed Checks	
1	40 mm	Blow-off-Cock	
1	90 mm	2x 2 1/2" Safety-Valves	
2	3/4"	Water Ganges	
1	200 mm	Pressure ganges	
1	1/2"	Fire cock	
1	3/4"	Salinometer Cock	
1	25 mm	Scum Valves	

Date	Ordre	Bestiller	Udføres
6690	R. P. Møller	Peter Marsh Anna Marsh	2 Gange



19/12 1935

Lloyds.

Crown:	$\frac{15 \cdot 26 \cdot (20-1)}{72} =$	WP = 103 Lb
Plate I	$\frac{96 \cdot 205}{90} \cdot 100 =$	79%
II	$\frac{100 \cdot (3,8 \cdot 1,62) + 100 \cdot 23 \cdot 0,52}{3,8} =$	81%
Rivets	$\frac{100 \cdot 23 \cdot 0,52 \cdot (1,2 \cdot 1,875)}{28 \cdot 3,8 \cdot 0,475} =$	112%
Shell	$\frac{(15-2) \cdot 26 \cdot 79}{2,75 \cdot 83} =$	WP = 117 Lb
Tubes Plate I	$\frac{200 \cdot 82 \cdot 100}{200} =$	59%
II	$\frac{100 \cdot (3,8 \cdot 1,62) + 100 \cdot 23 \cdot 0,52}{3,8} =$	74,3%
Rivets III	$\frac{100 \cdot 23 \cdot 0,52 \cdot (1,2 \cdot 1,875)}{28 \cdot 3,8 \cdot 0,475} =$	80%
Tubes Plate	$\frac{(21,5-2) \cdot 26 \cdot 59}{29 \cdot 83} =$	WP = 122 Lb
Stiffening ring	$\frac{428 \cdot 200 \cdot 321 + 227 \cdot 294 \cdot 11,6}{4} =$	WP = 122 Lb
	$\frac{38 \cdot (21,5-2)^2}{11,6^2} =$	WP = 107 Lb
Furnace-crown	$\frac{275 \cdot (21,5-1)}{33,5} =$	WP = 168 Lb
Furnace-conical	$\frac{1450 \cdot (21,5-1)^2}{(23+24) \cdot 72} =$	WP = 172 Lb
	$\frac{50 \cdot [10 \cdot (21,5-1) - 23]}{72} =$	WP = 122 Lb
	$\frac{6435 \cdot (4,5 \cdot 0,81 + 125 \cdot 0,05 - 0,43 \cdot 5 \cdot 0,07) \cdot 11,6 \cdot 100}{805^2 \cdot 10 \cdot 0,3839} =$	WP = 122 Lb

No off	Description	Matr.	tensile strength	Elongation of 100 ft	Remarks
19	1 L-Ring	Mild Steel			
18	45 3" Plain-tubes				
17	59 3" Stay-tubes				
16	1 Stiffening-ring				
15	1 But-strap				
14	1 " "				
13	1 " "				
12	1 " "				
11	1 " "				
10	1 But-strap				
9	4 Mudhole				
8	1 Manhole				
7b	1 Fire hole				
7a	1 Fluehole				
6	1 Furnace-conical				
5	1 Furnace-Crown				
4	1 Tube-Plate				
3	1 Shell				
2	1 Shell				
1	1 Crown				

3. 7. 35. 41654 1:15. 1:5.

Vertical-Boiler
 System S.M.X.H.

Diam: 2100 mm. Height: 4228 mm
 Working pressure: 7 Atm.
 Hydraulic test pressure 14 Atm.

Peter Marsh
 11/7/35

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Donkey boiler for
Anna- & Peter Mærsk.



Peter Mærsk.

1/10. 22

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